Special Issue

Recent Advances in Microwave Photonics

Message from the Guest Editors

We are inviting submissions to this Special Issue on Recent Advances in Microwave Photonics. Microwave photonics is an interdisciplinary field that integrates optics and radiofrequency (RF) engineering and has attracted substantial interest in recent years, advancing many applications in defense, communication networks, imaging, and instrumentations. Microwave photonics uses optical devices and technologies to generate, process, manipulate, and distribute RF signals, enabling functions or performances that are complex or not achievable through the use of traditional RF systems. Microwave photonics has attracted substantial interest from both academia and industry, and an array of new insights and breakthroughs have been proposed and demonstrated in recent years. This Special Issue will be dedicated to recent advances in the prosperous field of microwave photonics. Topics of interest include (but are not limited to):

- Microwave photonic signal generation;
- Microwave photonic signal processing;
- Microwave photonic radar;
- True time delay beamforming ;
- Integrated microwave photonics;
- Applications of microwave photonics.

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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